**Cowan Road Middle School Lesson Planning Guide**

**Teacher: Johnson Subject: Technology Grade: 7**

**Unit Name: Weebly Website Length: 3 weeks Dates:**

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| **Step 1: List GPS standards** | **ENGR-EET-4: Students will demonstrate an understanding for a technological world through hands-on projects.**   1. Apply the engineering design process   *M6P1 – Students will solve problems (using appropriate technology).*  **STANDARDS FOR TECHNOLOGY LITERACY:**  *Standard 11 – Students will develop the abilities to apply the design process.*  *Standard 12 – Students will develop the abilities to use and maintain technological products and*  *systems.*  ENGR-STEM 4 – Students will apply principles of science, technology, engineering,  mathematics, interpersonal communication, and teamwork to the solution of technological  problems.  ENGR-STEM 7 – Students will develop leadership and interpersonal problem-solving skills  through participation in co-curricular activities associated with the Technology Student  Association. | | | |
| **Step 2: Determine what students should know and be able to do (Include essential vocabulary)** | **Know:**  **How to navigate around the Weebly site**  **Various functions of Weebly**  **How to create a website through Weebly** | | **Do:**  **Design a 6 page business website through Weebly** | |
| **Step 3: Identify essential questions** | **EQ:**  **What is a website?**  **What is a URL?**  **What is the purpose of YOUR business website?**  **Why do companies have websites?** | | | |
| **Step 4: Design Assessments and criteria (include pre-assessments, formative and summative assessments and performance tasks** | **Formative**  **Weebly Website Peer- Evaluation Worksheet** | **Summative**  **Graded Rubric on Weebly Website** | | **Self-assessment**  **Weebly Website Assessment Worksheet** |
| **Step 5: Design Lessons** | **As students enter the class, they will pick up their notebooks from the shelf, and go directly to their assigned seat. When seated, they will complete the bell activity while I take roll. Once finished we will briefly discuss the answer to the bell activity then enter into the introduction of our lesson. Once introduced, the students will have work time to complete their activity for the day. We will clean up and return notebooks to the shelf, students will return to their assigned seats and I will give an overview of what we accomplished today and a review of the activities for the next class period.** | | | |
| **Step 6: Select Instructional Resources and Materials** | **Weebly Website, Internet, Student Name and URL Worksheet** | | | |

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| **Week 1** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **Date** |  |  |  |  |  |
| **GPS & Elements** | **ENGR-EET-4: Students will demonstrate an understanding for a technological world through hands-on projects.**  **a) Apply the engineering design process**  **M6P1 – Students will solve problems (using appropriate technology).**  **S6CS4 – Students will use tools and instruments for observing, measuring, and manipulating**  **equipment and materials in scientific activities.**  **STANDARDS FOR TECHNOLOGY LITERACY:**  **Standard 11 – Students will develop the abilities to apply the design process.**  **Standard 12 – Students will develop the abilities to use and maintain technological products and**  **systems.**  **Standard 13 – Students will develop the abilities to assess the impact of products and systems.**  **ENGR-STEM 4 – Students will apply principles of science, technology, engineering,**  **mathematics, interpersonal communication, and teamwork to the solution of technological**  **problems.**  **ENGR-STEM 7 – Students will develop leadership and interpersonal problem-solving skills**  **through participation in co-curricular activities associated with the Technology Student**  **Association.** | **Same** | **Same** | **Same** | **Same** |
| **Essential Question(s)** | **What is a website?** | **What is a website?** | **What is a website?** | **What is a website?** | **What is a URL?** |
| **Bell Activity** | **What is a website?**   1. **A set of interconnected webpages, usually including a homepage, generally located on the same server, and prepared and maintained as a collection of information by a person, group, or organization.** 2. **A document on the World Wide Web, consisting of an HTML file and any related files for scripts and graphics, and often hyperlinked to other documents on the Web.** 3. **The internet** 4. **A homepage** | **Write a 5-7 sentence paragraph about your company.** | **Write a 5-7 sentence paragraph about your product.** | **List the 3 most important things you want people to know on your website.** | **List the things you need to work on within your website today.** |
| **Work Time** | **Introduction to websites and web page building.**  **What is a website?**  **What makes up a website?**  **What are your favorite websites?**  **Introduce the Company Website Project**  **Make sure students know to PUBLISH website. Other classmates will be viewing these at the end of the unit.** | **Students and I will review** [**www.createyourownstudentwebsite.weebly.com**](http://www.createyourownstudentwebsite.weebly.com)  **Students may ask questions and begin working on their business website.** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** |
| **Assessment** | **Web Building Pre-Test** | **Student work on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** |
| **Differentiation** | **Students will explore building a website based on their interests and future career goals** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** |
| **Materials/**  **Resources** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** |
| **Closing** | **Review and take questions** | **Review and take questions** | **Review and take questions** | **Review and take questions** | **Review and take questions** |

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| **Week 2** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **Date** |  |  |  |  |  |
| **GPS & Elements** | **ENGR-EET-4: Students will demonstrate an understanding for a technological world through hands-on projects.**  **a) Apply the engineering design process**  **M6P1 – Students will solve problems (using appropriate technology).**  **S6CS4 – Students will use tools and instruments for observing, measuring, and manipulating**  **equipment and materials in scientific activities.**  **STANDARDS FOR TECHNOLOGY LITERACY:**  **Standard 11 – Students will develop the abilities to apply the design process.**  **Standard 12 – Students will develop the abilities to use and maintain technological products and**  **systems.**  **Standard 13 – Students will develop the abilities to assess the impact of products and systems.**  **ENGR-STEM 4 – Students will apply principles of science, technology, engineering,**  **mathematics, interpersonal communication, and teamwork to the solution of technological**  **problems.**  **ENGR-STEM 7 – Students will develop leadership and interpersonal problem-solving skills**  **through participation in co-curricular activities associated with the Technology Student**  **Association.** | **Same** | **Same** | **Same** | **Same** |
| **Essential Question(s)** | **Why do companies have websites?** | **Why do companies have websites?** | **What is a “graphic”?** | **What is “text”?** | **Why do companies display customer testimonials on their websites?** |
| **Bell Activity** | **List 3 reasons you think that companies create websites.** | **Write a 5-7 sentence paragraph about your website theme and how it suits your product.** | **Write a 5-7 sentence paragraph about your favorite feature on weebly.com** | **Briefly explain who your product is for and why it is needed.** | **List the things you need to work on within your website today.** |
| **Work Time** | **Students continue to work on Weebly.com** | **Students and I will review** [**www.createyourownstudentwebsite.weebly.com**](http://www.createyourownstudentwebsite.weebly.com)  **Students may ask questions and begin working on their business website.** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** |
| **Assessment** | **Student work on Weebly** | **Student work on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** |
| **Differentiation** | **Students will explore building a website based on their interests and future career goals** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** |
| **Materials/**  **Resources** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** | **Internet, weebly.com** |
| **Closing** | **Review and take questions** | **Review and take questions** | **Review and take questions** | **Review and take questions** | **Review and take questions** |
| **Week 3** | **MONDAY** | **TUESDAY** | **WEDNESDAY** | **THURSDAY** | **FRIDAY** |
| **Date** |  |  |  |  |  |
| **GPS & Elements** | **ENGR-EET-4: Students will demonstrate an understanding for a technological world through hands-on projects.**  **a) Apply the engineering design process**  **M6P1 – Students will solve problems (using appropriate technology).**  **S6CS4 – Students will use tools and instruments for observing, measuring, and manipulating**  **equipment and materials in scientific activities.**  **STANDARDS FOR TECHNOLOGY LITERACY:**  **Standard 11 – Students will develop the abilities to apply the design process.**  **Standard 12 – Students will develop the abilities to use and maintain technological products and**  **systems.**  **Standard 13 – Students will develop the abilities to assess the impact of products and systems.**  **ENGR-STEM 4 – Students will apply principles of science, technology, engineering,**  **mathematics, interpersonal communication, and teamwork to the solution of technological**  **problems.**  **ENGR-STEM 7 – Students will develop leadership and interpersonal problem-solving skills**  **through participation in co-curricular activities associated with the Technology Student**  **Association.** | **Same** | **Same** | **Same** | **Same** |
| **Essential Question(s)** | **What is the purpose of YOUR business website?** | **What is the purpose of YOUR business website?** | **Why is internet advertising so important?** | **Why is internet advertising so important?** | **Why is internet advertising so important?** |
| **Bell Activity** | **When is your website due?**   1. **Monday** 2. **Tuesday** 3. **Wednesday** 4. **Thursday** 5. **Friday** | **Write down what you want customers to take from your website.** | **Draw and label a picture of your product. If it is a service, tell about it.** | **Write about what makes your website stand out.** | **Get ready to view websites.** |
| **Work Time** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** | **Students continue to work on Weebly.com** | **Students will make sure their own websites are published and then they will explore each of their classmates’ websites and rank them on a 1-5 scale.** | **Students will make sure their own websites are published and then they will explore each of their classmates’ websites and rank them on a 1-5 scale.** |
| **Assessment** | **Student work on Weebly** | **Student work on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** | **Student work and progress on Weebly** |
| **Differentiation** | **Students will explore building a website based on their interests and future career goals** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** | **Students will work at their own pace on Weebly** |
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